

What Is Claimed Is:

1. A method of automatically invalidating data cached in a cache system, comprising:

5 caching a first data item received from a data server for service in response to requests to view said first data item;

receiving at the cache system a change request to alter a data item; and
automatically invalidating said first data item at the cache system in
response to said change request.

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2. The method of claim 1, further comprising:

comparing said change request to a set of rules for determining when to
automatically invalidate a data item.

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3. The method of claim 2, wherein said data item to be altered
comprises said first data item.

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4. The method of claim 1, wherein said automatically invalidating
comprises identifying a relationship between said data item to be altered and said
first data item.

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5. The method of claim 1, wherein said cache system comprises
multiple caches and said receiving occurs at a first of the multiple caches, the
method further comprising:
sending a notification of said automatic invalidation from the first cache of
the multiple caches to a second cache of the multiple caches.

12. The method of claim 6, wherein the cache system comprises multiple caches and:

5 wherein said caching comprises caching said first set of data at a first cache of the multiple caches; and

wherein said automatically invalidating is performed at a second cache of the multiple caches;

10 the method further comprising notifying the first cache, by the second cache, of said automatic invalidation.

13. A method of automatically invalidating cached data, comprising:
caching a first set of data at a caching system for serving in response to a view request, wherein said view request comprises a request to view said first set of data, and wherein said first set of data is received from a data server;

15 receiving at the caching system a change request, wherein said change request comprises a request to change said first set of data;

identifying said first set of data from said change request; and

20 automatically invalidating said cached first set of data without waiting for the data server to implement said change request.

14. The method of claim 13, wherein said data server is not notified of said change request until after said automatic invalidation of said cached first set of data.

25 15. The method of claim 13, wherein said first set of data comprises a price of an item being auctioned in an electronic auction, and wherein said change request comprises a new bid on said item.

16. The method of claim 13, wherein said first set of data comprises information concerning one or more products at a publicly accessible network location, and wherein said change request comprises a change to said list of products.

17. The method of claim 13, wherein said receiving a change request comprises receiving a sequence of communications matching a predetermined pattern.

18. A computer readable storage medium storing instructions that, when executed by a computing device, cause the computing device to perform a method of operating a cache system to facilitate automatic invalidation of cached data, the method comprising:

 caching a first set of data received from a data server;
 receiving at the cache system a first request to change a second set of data;
 retrieving from said first request an identifier of said second set of data;
 and
 automatically invalidating said first set of data in the cache system without awaiting an invalidation communication from the data server.

19. A computer readable storage medium storing instructions that, when executed by a computing device, cause the computing device to perform a method of automatically invalidating cached data, the method comprising:

 caching a first set of data at a caching system for serving in response to a view request, wherein said view request comprises a request to view said first set of data, and wherein said first set of data is received from a data server;

receiving at the caching system a change request, wherein said change request comprises a request to change said first set of data;
identifying said first set of data from said change request; and
automatically invalidating said cached first set of data without waiting for
5 the data server to implement said change request.

20. A cache system configured to automatically invalidate cached data, comprising:

a first cache configured to cache data received from a data server;
10 a data service module configured to serve a first set of cached data in response to a first data view request from a client; and
an invalidation module configured to automatically invalidate said first set of cached data when a first data change request is received from a client;
wherein said automatic invalidation is performed at the cache system
15 before the data server is notified of said first data change request.

21. The cache system of claim 20, wherein said first cache comprises said invalidation module.

20 22. The cache system of claim 20, further comprising a set of rules for determining when said first set of cached data is to be automatically invalidated in response to a data change request.

23. The cache system of claim 22, further comprising a user interface
25 configured to facilitate the creation of one of said rules.

24. The cache system of claim 20, wherein said first data change

request comprises a predetermined sequence of communications.

25. The cache system of claim 20, further comprising:

a second cache;

5 wherein said second cache is notified by said first cache of said automatic invalidation.

26. An electronic auction system, comprising:

a data server configured to store a first price of a first item being

10 auctioned;

a cache configured to cache said first price to serve to clients in response to data view requests; and

an invalidation module coupled to the cache and configured to automatically invalidate said cached first price when a bid is received for said first
15 item with a bid price different from said first price;

wherein said cached first price is automatically invalidated.

27. The electronic auction system of claim 26, wherein said cached first price is automatically invalidated before said data server receives said bid.

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